

## ABSTRACT

The objective of the present invention is to provide a production method by which a polymer of a functional  
5 group-terminated vinyl monomer can be easily and practically produced.

Further, it is another object of the present invention to provide a functional group-terminated vinyl polymer which is useful as a material for the production of various functional  
10 products.

The first aspect of the present invention is concerned with a production method of a functional group-terminated vinyl polymer comprising a step of synthesizing a halogen  
atom-terminated vinyl polymer by the radical polymerization  
15 reaction of a vinyl monomer in the presence of a halogen compound and a step of introducing a functional group to a terminus by substituting a functional group-containing group for the terminal halogen atom of said vinyl polymer.